

ABSTRACT OF THE DISCLOSURE

A method for inverse multiplexing of unmanaged traffic flows over a multi-star switch network, where the ingress process for each switch handles managed traffic for its switch first, then pulls a single unmanaged traffic packet off of the unmanaged traffic queue, and processes
5 and transmits the packet. At the destination node unmanaged traffic packets received from the fabric output are acted upon by the Sequence-Checking Process to determine if the packet is in sequence. If the received packet is in sequence, the Sequence-Checking Process sends it on to the output queue. If the received packet is not in sequence, the packet is placed in a buffer. The Sequence Checking Process then checks the fabric output and the buffer by scanning for the next in-sequence packet.